

JPS-10: 10" PROSHOP 1-3/4HP 30"- CW

The JET ProShop 10" Table Saw (#708482K) is the result of combining key cabinet saw features with the semi open leg structure of the venerable contractor-style table saw. While developing a unique set of technologies to give the JET ProShop 10" Table Saw wide-ranging capabilities was the goal, accuracy, durability and ease of use remained at the top of the priority list throughout the design process.

This new design also allowed simplifying the assembly process considerably. With the motor installed within the cabinet at the factory, the process of hanging the motor on an external bracket and aligning it with the arbor, common on contractor-style saws is eliminated completely. The extended cabinet of the JET ProShop 10" Table Saw also replaces the open leg assembly common contractor saws with four channel-shaped legs that are extremely rigid and very easy to install. Four bolts secure each leg to the cabinet and need only to have the leveling feet attached to get the JET ProShop 10" Table Saw upright and ready for final assembly.

At the heart of the JET ProShop 10" Table Saw is the all-new operating mechanism that locates the motor inside of the cabinet. This massive cast iron mechanism is extraordinarily rigid and substantially increases the vibration dampening mass



The all-new ProShop mechanism (left) not only moves the motor inside of the cabinet but also uses a heavy-duty swing arm (right) to locate the arbor. This system drastically reduces vibration and makes blade height changes smooth and precise.



5/8"-diameter arbor that is located in a short, super rigid cast iron arm. Blade height adjustments are remarkably smooth in part because the blade arm is isolated from the weight of the motor and undercarriage. The 5/8"-diameter arbor was designed with sufficient length to handle most stacked 6" or 8"-diameter dado sets at a full 13/16" width.

The blade height and tilt mechanism provides maximum cut depths of 3 1/8" at 0-degrees and 2 1/8" at 45-degrees. The mechanism tilts the blade to the left, away from the fence so the operator is controlling the major piece and the scrap falls onto the table, away from the blade.



The new JET JPS-10 ProShop saw represents new thinking that makes your shop time more accurate and productive.

directly below the table. The result is super smooth, super quiet operation with an overall stability of the blade system previously found only in machines that are far more expensive.

A dual drive belt system transfers motor power to the

Blade changing on the JET ProShop 10" Table Saw is easier than ever thanks to a pushbutton arbor lock that is built into the table surface! A specially shaped wrench is included that fits the blade-retaining nut and the nuts retaining the splitter assembly.

While bringing the motor inside of the cabinet, we moved the sometimes difficult to reach bevel stop adjusters to the outside. Making these adjustments is now a matter of inserting the included 4mm hex wrench into sockets in the table surface to fine-tune the 0-degree and 45-degree blade tilt stops.



Blade changing on the ProShop saw requires the included blade wrench and a single finger to depress the arbor lock.

The JET ProShop 10" Table Saw is powered by a 1 ¾ Hp TEFC (totally enclosed fan cooled) motor that comes wired for 115V operation but can be converted to use 220V power. This high-power motor develops a stable 3600-rpm arbor speed, optimum for cutting woods of all species. Designed for long-term maintenance-free use, the motor has built-in thermal protection that shuts it down in the event of a bind at the blade that could damage it. A user-accessible reset button on the motor gets you get back to work after the problem is remedied and the motor has cooled sufficiently.



Locating the motor fully within the cabinet (left) allowed us to add effective dust collection in the form of a special cabinet floor and this rear cover (right) featuring a molded in 4" hose connection.



An additional benefit of locating the motor within the cabinet was clearing the way for the addition of an effective dust collection system to the JET ProShop 10" Table Saw. The rear dust cover (with an integral 4" dust collector hose connection) is secured by four finger knobs, making access to the cabinet for maintenance quick and tool free.

The new fence system is built around a heavy gauge steel tube and T-square-style base rather than an aluminum extrusion. A pair of 2 ½"-tall aluminum faces flank the steel tube. In addition to providing a straight, smooth surface for guiding material, the overall square shape of the fence makes building and using shop-built jigs easy. We even added a slot along the top of the aluminum fence faces that accepts common ¼ - 20 hex head bolts to make installing shop-made jigs fast, easy and very secure. The T-square base has easy to use adjustments that make aligning the fence parallel to the miter slots and its faces square to the table a fast, precise task that is not often repeated.

Setting the fence for exact cut widths is easy thanks to a magnifying cursor that is built into the T-square base. The cursor is adjustable side-to-side to insure maximum precision after the fence is installed and aligned.



The fence system is supported front and back on heavy steel rails and guide tube. An adjustable height pad at the rear of the fence allows it to glide across the table smoothly. The pure strength of this mounting system creates a stable, permanent base that insures accuracy and easy of use for decades.

The new ProShop T-square style fence (left) is rigid and very accurate. A large scale and adjustable, magnified cursor (right) make setting precise cuts simple.

The 20" by 27" cast iron table surface is precision ground to insure it is perfectly flat. The useable surface expands to 44" by 27" with the extension wings. The JET



The ProShop Saw comes with a quality, angle-adjustable miter gauge (left) and features an adjustable-width guide bar (right) to insure a perfect fit to the slot for maximum accuracy.

ProShop 10" Table Saw is available with heavy-duty steel or precision-ground cast iron extension wings. A pair of T-style miter slots are precision milled into the table surface. The $\frac{3}{4}$ "-wide by $\frac{3}{8}$ "-deep miter slots accept all common table saw accessories.

A fully adjustable miter gauge comes with the JET ProShop 10" Table Saw. The guide bar features a removable T-slot follower and width adjusters to eliminate side play for super-stable cuts. The head can be set to any angle from 0 to 60-degrees left or right with adjustable stops at 0 and 45-degrees, also on both sides of zero.

Also new to the JET ProShop 10" Table Saw is a heavy-duty On/Off switch. We added a large paddle-style lever that activates the OFF switch. The size and location of the paddle makes it easy to turn the JET ProShop 10" Table Saw off with your hand or a bump of the leg.

Design Your Own!

The JET ProShop 10" Table Saw is available in several versions designed to fit a wide range of shop size and project needs. The JET ProShop 10" Table Saw can be equipped with the 30" or 50" fence system, steel or cast iron extension wings and with or without the XACTA-Lift router plate in the extension wing. Whatever your current or future shop needs, we have a JET ProShop 10" Table Saw that will work for you today and decades down the road.



The large paddle-style OFF switch makes it easy to shut the ProShop saw off by hand or with a bump of your leg.